

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (currently amended) A method comprising:

identifying, for a packet to be transmitted over a wireless link, a type of service from among at least a first and second type of service wherein the first type of service comprises a minimize-delay service and the second type of service comprises a maximize-reliability service;

determining an acknowledgement requirement corresponding to the type of service further comprising: a) if the packet is associated with the first type of service, not requiring acknowledgement of the slot by the receiving device; and b) if the packet is associated with a second type of service, requiring acknowledgement of the slot by the receiving device;

sending a slot comprising at least a portion of the packet from a sending device to a receiving device further comprising: a) if the packet is associated with the first type of service, encoding the at least a portion of the packet using an error correcting code of a first rate; and b) if the packet is associated with the second type of service, encoding the at least a portion of the packet using an error correcting code of a second time;

performing, by the receiving device, the acknowledgement requirement corresponding to the type of service, based on an error status of the slot further comprising a) not acknowledging reception of the slot associated with the minimize-delay service; and b) acknowledging reception of slots associated with the maximize-reliability service, if the slot is received without error.

2. (withdrawn)

3. (withdrawn)

4. (withdrawn)

5. (withdrawn)

6. (currently amended) The method of claim 51, wherein the step of performing the acknowledgement requirement comprises the receiving device:

not acknowledging reception of slots associated with minimize-delay service; and
acknowledging reception of slots associated with default service, if the slots are received without error.

7. (original) The method of claim 1, wherein the step of determining an acknowledgement requirement is accomplished by the sending device, the method further comprising sending, from the sending device to the receiving device, indicia of the acknowledgement requirement.

8. (original) The method of claim 1, wherein the step of determining an acknowledgement requirement is accomplished by the receiving device.

9. (withdrawn)

10. (currently amended) The method of claim 91, wherein the error correcting code of the first rate comprises a rate $\frac{3}{4}$ convolutional code and the error correcting code of the second rate comprises a rate $\frac{1}{2}$ convolutional code.

11. (original) The method of claim 1 wherein the sending device comprises a repeater and the receiving device comprises a communication unit.

12. (original) The method of claim 1 wherein the sending device comprises a communication unit and the receiving device comprises a repeater.

13. - 32. (withdrawn)